Lenovo® recommends Windows® 7 Professional.

lenovo® FOR THOSE WHO DO.

THE LENOVO® THINKSTATION® E30 WORKSTATION

POWERFUL. CERTIFIED. MANAGEABLE.

LEADING-EDGE PROCESSING POWER WITH THE LATEST INTEL® CORE I3 AND XEON® PROCESSORS.

SUPERIOR GRAPHICS PERFORMANCE WITH INTEL HD GRAPHICS, NVIDIA® QUADRO® AND NVS GRAPHICS.

ERROR CORRECTION CODE MEMORY TO VIRTUALLY ELIMINATE MEMORY-RELATED FAILURES AND DATA LOSS.

ULTIMATE MANAGEABILITY WITH INTEL® VPRO™ TECHNOLOGY WITH AMT 7.

ISV CERTIFIED FOR OPTIMIZED PERFORMANCE AND RELIABILITY.

Designed for professionals who need superior computing and productivity that only a workstation can provide at an entry-class price point, the Lenovo ThinkStation E30 delivers high performance, solid reliability, and ISV support for a seamless, cost-effective transition from a standard desktop PC.

The ThinkStation E30 also delivers breathtaking graphical performance. A new generation of Intel® HD Graphics delivers ISV-certified performance for select processors. For customers who want the ultimate discrete graphics performance, NVIDIA® Quadro® and NVS discrete professional graphics deliver enhanced 2D and 3D horsepower that will maximize their productivity. The ThinkStation E30 is equipped with Error Correcting Code (ECC) memory to virtually eliminate memory-related failure. With support for up to 16GB of 1333MHz ECC-memory, the ThinkStation E30 is lightning-fast and dependably stable. In addition, the ThinkStation E30 has been tested and certified by leading ISVs, including AutoCad, Adobe, Inventor, SolidEdge, and SolidWorks.

The ThinkStation E30 is simple to use with the addition of usability and security features. Lenovo® Enhanced Experience for Windows® 7 offers faster boot and shut down versus competition. Self-encrypting drives, the Hardware Password Manager, and Rescue and Recovery offer the software and hardware protection essential for data safety. At desktop-level price points, the ThinkStation E30 offers you sheer professional processing power, reliability and security, with ISV certifications to drive your mission-critical applications.

Windows 7

lenovo ENHANCED EXPERIENCE

LENOVO ENHANCED EXPERIENCE FOR WINDOWS® 7. FAST. SECURE. BUILT FOR BUSINESS.

Discover a better way of doing business with the new Lenovo Enhanced Experience for Windows® 7 on Think PCs. Faster, more durable and greener Think PCs are optimized for Windows® 7 to deliver improved ease of use. It enhances productivity and foolproof security that your business cannot do without.

intel inside™ Xeon®

Powerful. Intelligent.

Lenovo® recommends Windows® 7 Professional.

lenovo® FOR THOSE WHO DO.

HIGH-END PERFORMANCE, AFFORDABLE PRICE POINT

- The Intel® Xeon® E3 processor family delivers extraordinary performance gains over previous generation products.
- Genuine Windows® 7 Professional.
- Integrated Intel® HD Graphics or discreet NVIDIA® Quadro® and NVS graphics for enhanced 2D and 3D performance gains.
- Lenovo® Enhanced Experience 2.0 for faster boot and shut down.
- Workstation performance at desktop price points.

ISV CERTIFIED RELIABILITY

- The ThinkStation E30 is certified by multiple leading ISVs, ensuring maximum performance and reliability.
- The certification also allows support from ISVs if software operational issues occur.
- The ISV certifications on the ThinkStation E30 include AutoCAD, Adobe, Inventor, SolidWorks, and SolidEdge.

BETTER MANAGEABILITY AND GREATER SECURITY

- Intel® vPro™ with AMT 7 provides the features of Intel® Standard Manageability, and also includes:
  - KVM Remove Control
  - Fast Call for Help
  - Remote Scheduled Maintenance
  - PC Alarm Clock.
- Error Correcting Code (ECC) memory, to virtually eliminate memory failures.
- Self-encrypting drives, the Hardware Password Manager, and Rescue and Recovery for maximum security.

ECO-FRIENDLY WORKSTATION

- Use of 65% post-consumer recycled content and 80 PLUS Bronze certified 85% efficient power supply.
- GREENGUARD certification to preserve indoor air quality with low chemical and particle emissions.
- EPEAT Gold certification, for lower toxic material, greenhouse gas emissions, and electricity consumption.
- TCO certification, indicating low noise and radiation levels, and minimal environmental impact.

GREENGUARD Indoor Air Quality Certified · EPEAT GOLD · 80 PLUS BRONZE

SERVICE OFFERINGS

BASE WARRANTY
- 1 year Onsite Service*

UPGRADE OPTIONS[1]
- 1 Yr Priority Support
- 1 Yr Hard Disk Drive Retention
- 2 Yr Onsite 9x5 NBD[2] Service
- 3 Yr Onsite 9x5 NBD[2] Service
- 3 Yr Priority Support + Onsite 9x5 NBD[2] Service
- 3 Yr Onsite 9x5 NBD[2] Service + Hard Disk Drive Retention

VALUE ADDED SERVICES[1]
- Lenovo Online Data Backup
- Lenovo Imaging Services
- Lenovo Asset Recovery Services

BASE WARRANTY
- 3 year Onsite Service*

UPGRADE OPTIONS[1]
- 3 Yr Priority Support
- 3 Yr Onsite 9x5 NBD[2] Service + Hard Disk Drive Retention
- 4 Yr Priority Support + Onsite 9x5 NBD[2] Service
- 4 Yr Onsite 9x5 NBD[2] Service
- 5 Yr Priority Support + Onsite 9x5 NBD[2] Service
- 5 Yr Onsite 9x5 NBD[2] Service

VALUE ADDED SERVICES[1]
- Lenovo Online Data Backup
- Lenovo Imaging Services
- Lenovo Asset Recovery Services

intel inside™ Xeon® Powerful. Intelligent.

* 1yr or 3yr Onsite
1 Country Availability may vary. Please check with your local service support center for details.
2 Next Business Day

THE LENOVO® THINKSTATION® E30 WORKSTATION

Lenovo® recommends Windows® 7 Professional.

lenovo® FOR THOSE WHO DO.

SOFTWARE OFFERINGS

SUPPORTED OPERATING SYSTEMS

Preloaded:

- Genuine Windows® 7 Professional 64-bit with Lenovo Enhanced Experience

Supported:

- Genuine Windows® 7 Professional 32-bit
- Genuine Windows® XP Professional
- Genuine Windows® XP x64 Edition
- Red Hat Enterprise Linux 6

SUPPORTED TVT TOOLS

- System Update
- Client Security Solution
- Password Manager
- Rescue and Recovery
- Productivity Center[1]
- ThinkVantage Toolbox[2]

1 For Windows® XP preload
2 For Windows® 7 preload

OPTIONS AND ACCESSORIES

MONITORS

Lenovo ThinkVision™ L2440p Wide Monitor (4420HB2)

- 24" wide with 1920 x 1200 resolution maximized for productivity
- VGA + DVI-D interfaces and USB Hub for connection flexibility
- EPEAT® Gold certified, TCO compliant, EnergyStar® 5.0 compliant, Greenguard® certified

Lenovo ThinkVision L2321x Wide Monitor (4014HB6)

- 23" wide with 1920 x 1080 resolution for increased production
- VGA + DisplayPort™ interfaces for easy dual monitor display
- Full function ergonomic stand
- EPEAT® Gold, TCO Edge and Energy star® 5.0 compliant

GRAPHICS AND MEMORY

NVIDIA® Quadro® NVS 295 Dual DisplayPort™ Graphics Card (45K1669)

- Dual DisplayPort™ supports 2560 x 1600 resolution
- Fan-less design for quieter operation
- NVIDIA's NVIEW Display Management software

NVIDIA® Quadro® NVS 450 Quad DisplayPort™, Quad DVI-D Graphics Card (57Y4398)

- Quad DisplayPort™ supports 2560 x 1600 resolution
- Includes four DisplayPort™ to Single-Link DVI-D Monitor cables that allows attachment of DVI digital monitors 1920 x 1200
- NVIDIA's NVIEW Display Management software

NVIDIA® Quadro® FX 380 16-CUDA Cores 256MB Dual link DVI-I Graphics Card (45K1670)

- Dual Dual link DVI digital 2560 x 1600 or dual VGA analog 1920 x 1200 maximum resolution
- Includes two DVI-VGA monitor adapters that allows attachment of VGA analog monitors
- 256MB memory frame size, 22.4GB/sec memory bandwidth

NVIDIA ® Quadro® 600 96-CUDA Cores 1GB DVI-I, Dual DisplayPort™ Graphics Card (0A36183)

- One DisplayPort™ and one Dual link DVI-I
- Supports 2560 x 1600 maximum resolution
- 1GB memory frame size, 25.6GB/sec memory bandwidth
- Supports attachment of optional DisplayPort™ monitor cables

(go to www.lenovo.com/support/displayport-cables)

NVIDIA® Quadro® 2000 192-CUDA Cores 1GB Dual link DVI-I, Dual DisplayPort™ Graphics Card (57Y4479)

- Three monitor ports: Two DisplayPort™ and one dual link DVI-I – use any two of three ports.
- DisplayPort™ & Dual link DVI-I digital 2560 x 1600 resolution
- 1GB memory frame size, 41.6GB/sec memory bandwidth
- Support attachment of optional DisplayPort™ monitor cables

(go to www.lenovo.com/support/displayport-cables)

Low-cost method to boost overall system performance using DDR3 Error Correcting Code (ECC) or non-ECC memory

- **43R2033** 2GB PC3-10600 DDR3-1333 ECC UDIMM
- **57Y4138** 4GB PC3-10600 DDR3-1333 ECC UDIMM
- **57Y4389** 1GB PC3-10600 DDR3-1333 Low Halogen UDIMM
- **57Y4390** 2GB PC3-10600 DDR3-1333 Low Halogen UDIMM

PRODUCTIVITY ACCESSORIES

Ergotron DS100 Quad-Monitor (2x2) Desk Stand (30R6971)

- View multiple monitors simultaneously for maximum productivity
- Accomodates various LCD sizes and slides displays into place so screen edges align

Ergotron DS100 Dual-Monitor Desk Stand (30R6969)

- View multiple monitors simultaneously for increased productivity
- Accomodates various LCD sizes and slides displays into place so screen edges align

3D Connexion Space Navigator Standard Edition (41A2545)

- Six degrees of freedom via a flexible controller cap
- Support for Google Earth, Google SketchUp Autodesk® DWF Viewer as well as 3D design applications from Solidworks, PTC, UGS, Dassault Systems and Autodesk®

ThinkCentre Extend Arm (57Y4352)

- Extend function (410mm, 16.1") to easily move and adjust the monitor
- 269mm (10.6") vertical adjustment
- Pivot for portrait (vertical) and landscape (horizontal) viewing, tilt to reduce glare and improve viewing angle

Lenovo® recommends Windows® 7 Professional.

lenovo® FOR THOSE WHO DO.

SPECIFICATIONS

OPERATING SYSTEM

Preloaded:
Genuine Windows® 7 Professional 64-bit
with Lenovo Enhanced Experience
Genuine Windows® 7 Ultimate 64-bit

Supported:
Genuine Windows® 7 Professional 32-Bit
Genuine Windows® XP Professional
Genuine Windows® XP x64 Edition
Red Hat Enterprise Linux 6

PROCESSOR

Intel® Xeon®
Intel® Xeon® E3-1280 (3.5GHz, 8MB L3 cache)
Intel® Xeon® E3-1270 (3.4GHz, 8MB L3 cache)
Intel® Xeon® E3-1240 (3.3GHz, 8MB L3 cache)
Intel® Xeon® E3-1230 (3.2GHz, 8MB L3 cache)
Intel® Xeon® E3-1220 (3.1GHz, 8MB L3 cache)
Intel® Xeon® E3-1275 (3.4GHz, 8MB L3 cache)
Intel® Xeon® E3-1245 (3.3GHz, 8MB L3 cache)
Intel® Xeon® E3-1235 (3.2GHz, 8MB L3 cache)
Intel® Xeon® E3-1225 (3.1GHz, 8MB L3 cache)

Intel® Core
Intel® Core i3-2120 (3.3GHz, 3MB L3 cache)
Intel® Core i3-2100 (3.1GHz, 3MB L3 cache)

INTEGRATED GRAPHICS

Intel® HD Graphics P3000 for
Intel Xeon E3 Processor Family
Intel HD Graphics 3000 for
Intel Core i3 Processor Family

DISCRETE GRAPHICS

2D Graphics:
NVIDIA® Quadro® NVS 295 – 256MB – 2x DP
NVIDIA® Quadro® NVS 300 – 512MB – DMS59 to 2x DVI
NVIDIA® Quadro® NVS 450 – 512MB – 4x DP

3D Graphics:
NVIDIA Quadro FX380 – 256MB – 2x DVI
NVIDIA Quadro 400 – 512MB – 1x DVI, 1x DP
NVIDIA Quadro 600 – 1GB – 1x DVI, 1x DP
NVIDIA Quadro 2000 – 1GB – 2x DP, 1x DVI

CHASSIS

Tool-less features on front bezel, slots and bays

DIMENSIONS (W X D X H)

412 mm x 175 mm x 420 mm

WEIGHT

14 Kg (31 lb.)

MEMORY[3]

4 Available DIMM Slots
ECC:
2GB DDR3 1333MHz UDIMM
4GB DDR3 1333MHz UDIMM
Non-ECC:
2GB DDR3 1333MHz UDIMM
4GB DDR3 1333MHz UDIMM

HDD

2 Available Bays for HDD or SSD
3.5" 7200rpm SATA: 250GB, 500GB, 1TB, 2TB
2.5" 10Krpm SATA: 150GB, 300GB, 600GB

STORAGE - OPTIONAL

DVD-ROM
DVD R/W
Blu-ray R/W
Multi-card reader

ETHERNET

Intel® 82579 Gigabit Ethernet

AUDIO

Intel® HD audio interface (with Realtek ALC662 codec)

AUDIO PORTS

Front – microphone, headphone
Rear – line in, line out, microphone

SPEAKER

Internal mono speaker

RJ45 PORT

1 (rear)

SATA PORTS

1 SATA (300 MB/s), 1 SATA II (300 MB/s),
2 SATA III (600 MB/s), 1 eSATA

RAID

RAID-0 and RAID-1 supported via
Intel Rapid Storage Technology

TPM

Trusted Platform Module (TPM) 1.2 (ST Micro)[4]

POWER SUPPLY

280W (85% efficient, auto-sensing)

PORTS

6 rear USB 2.0 Ports
2 front USB 2.0 Ports
1 internal dual USB 2.0 connector
1 rear dual PS/2 port (optional)
1 rear COM Port

SLOTS

2 PCI Slots (v2.3)
1 PCI Express x1 Slot (v2.0)
1 PCI Express x16 Slot (v2.0)

BAYS

2 internal 3.5"
(2.5" conversion bracket available)
1 external 3.5"
2 external 5.25"

ADAPTERS

1 USB 3.0 2-port PCIe adapter
1 IEEE 1394A (firewire) 2-port PCIe adapter

DONGLES

DVI to VGA
DP to DVI, DP to VGA

SSD

2.5" Multi-level Cell (MLC): 80GB, 160GB

KEYBOARD

Preferred Pro full-size USB keyboard

MOUSE

800dpi Mouse

PRICE

Starting at USD 600

3 Mixing ECC and non-ECC memory is not supported
4 Disabled for Russia and China

WWW.LENOVO.COM

©2011 Lenovo. All rights reserved.
Availability: Offers, prices, specifications and availability may change without notice. Lenovo is not responsible for photographic or typographic errors. Warranty: For a copy of applicable warranties, write to: Warranty Information, 500 Park Offices Drive, RTP, NC, 27709, Attn: Dept. ZPYA/B600. Lenovo makes no representation or warranty regarding third-party products or services. Trademarks: Lenovo, the Lenovo logo, Rescue and Recovery, ThinkStation, ThinkVantage, and ThinkVision are trademarks or registered trademarks of Lenovo. Microsoft, Windows, and Vista are registered trademarks of Microsoft Corporation. Intel, the Intel logo, Intel Core, Core Inside, Xeon and Xeon Inside are registered trademarks of Intel Corporation in the U.S. and other countries. Other company, product, and service names may be trademarks or service marks of others. Visit www.lenovo.com/safecomputing periodically for the latest information on safe and effective computing.

intel inside™ Xeon® Powerful. Intelligent.

THE LENOVO® THINKSTATION® E30 WORKSTATION